

FIG. 2B

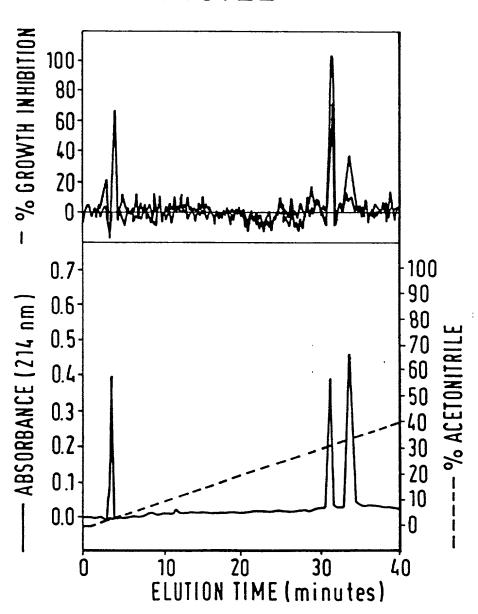
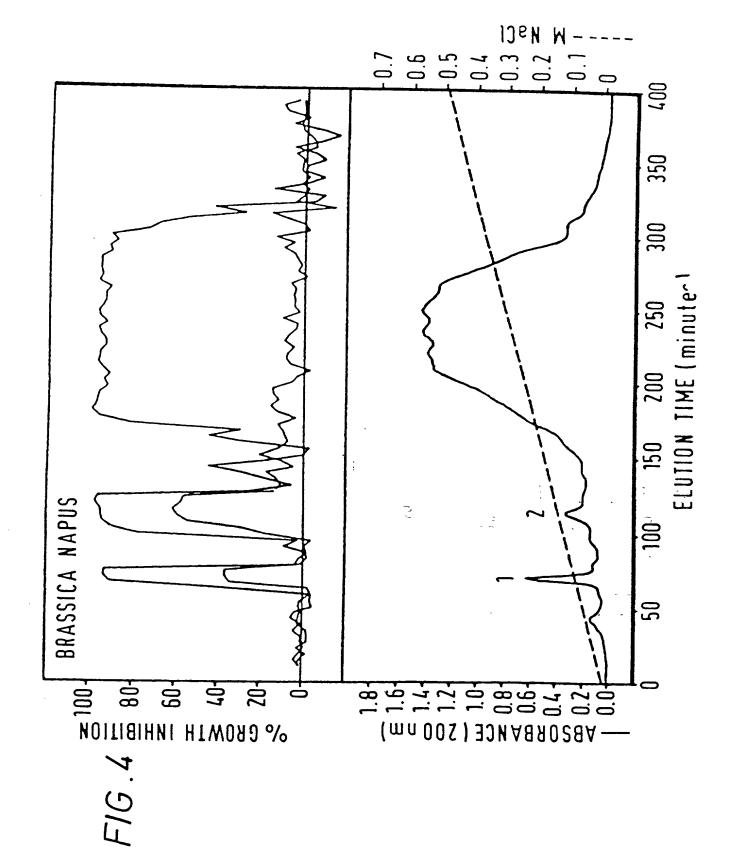
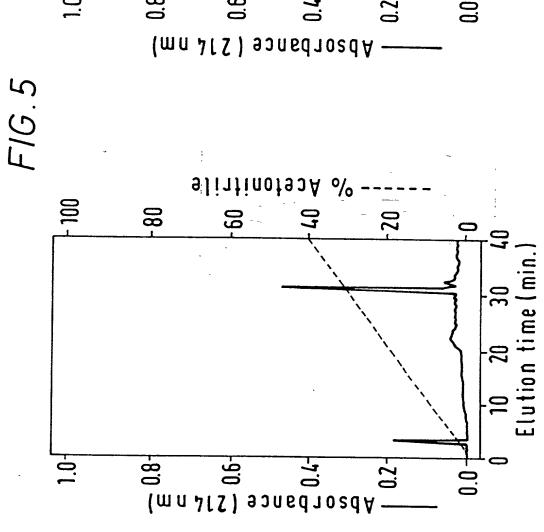
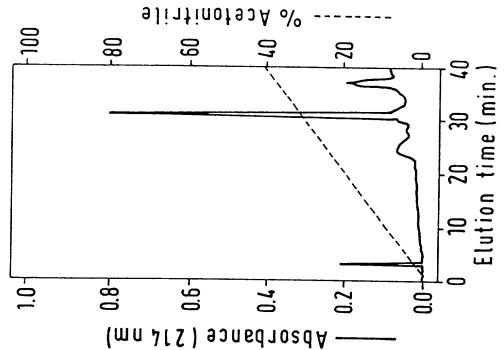


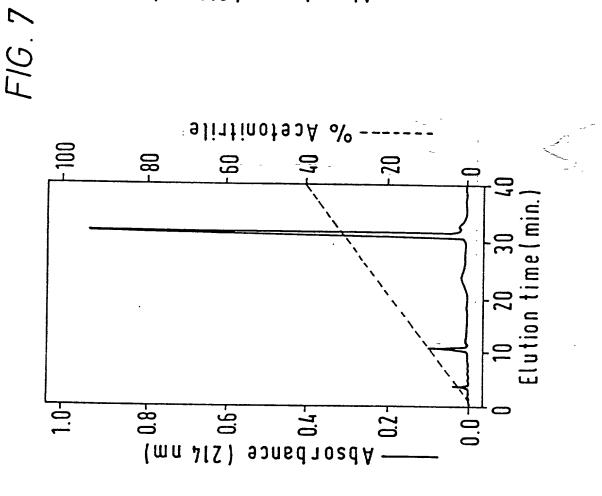
FIG. 3
Protein Activity

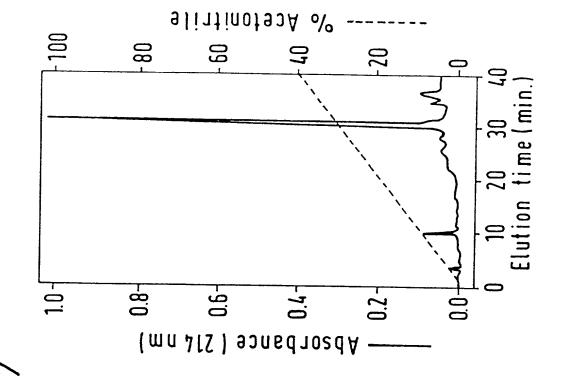
2 1 2 1

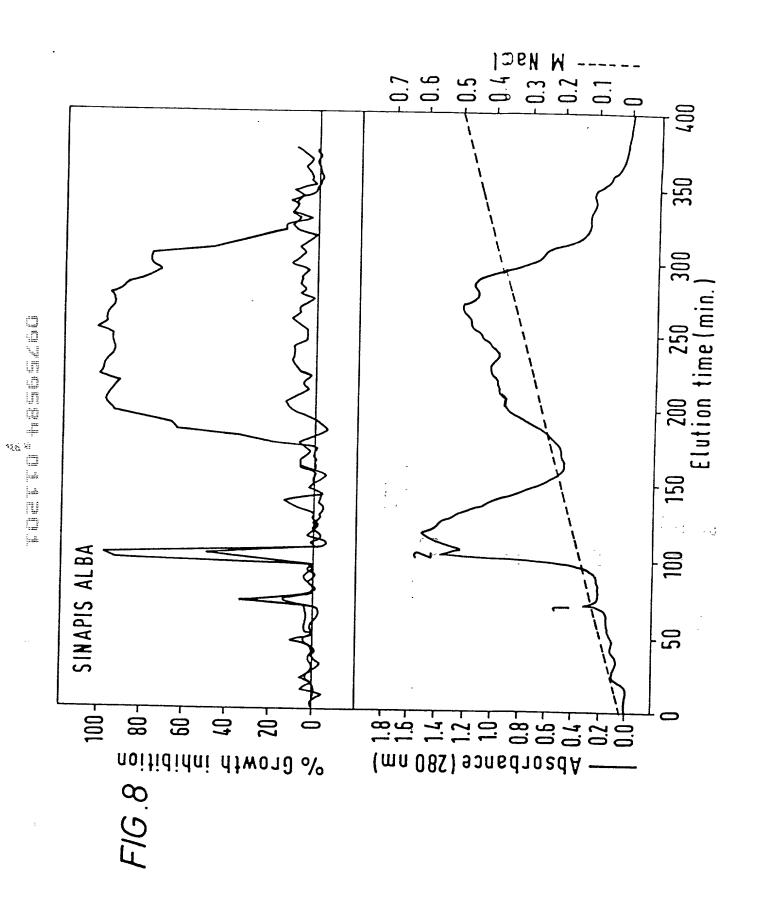


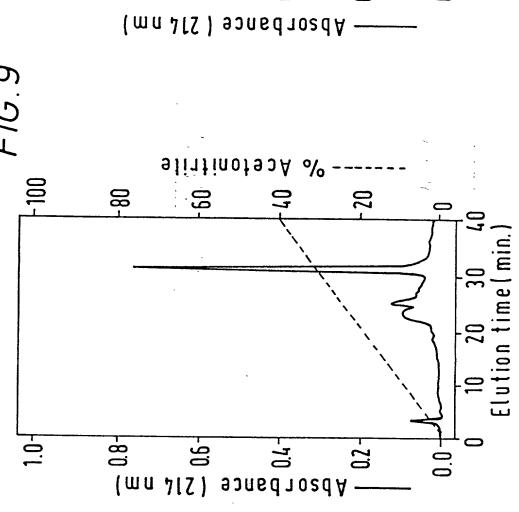


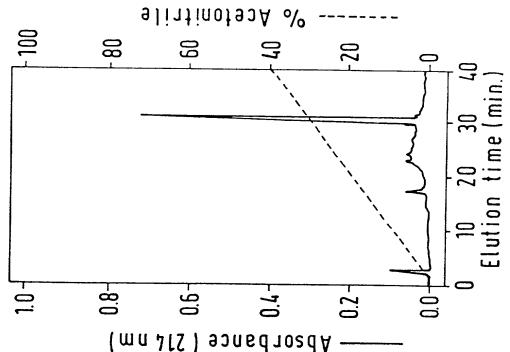


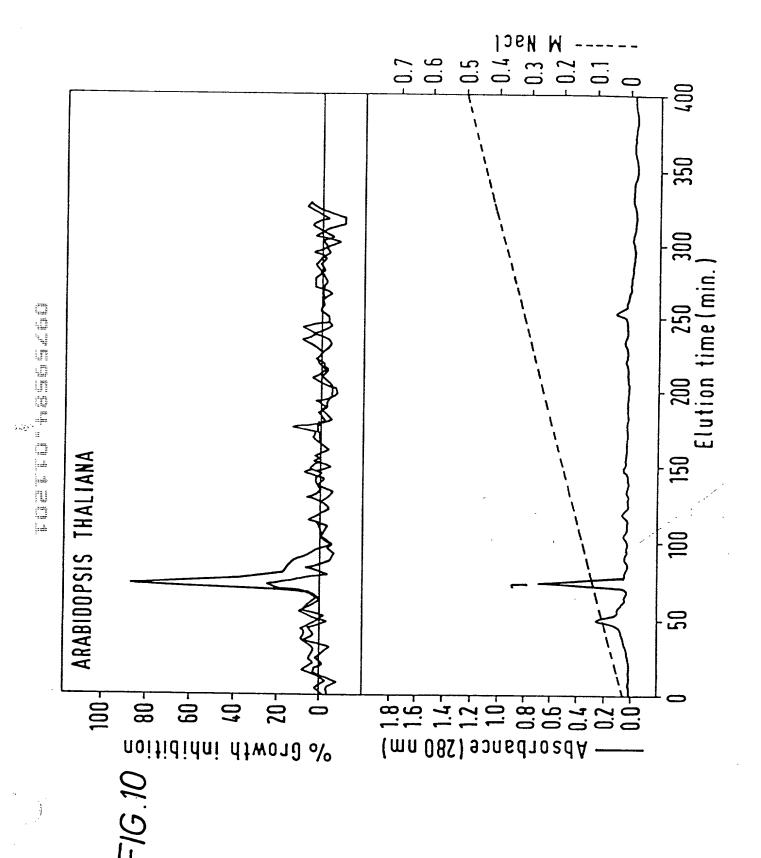




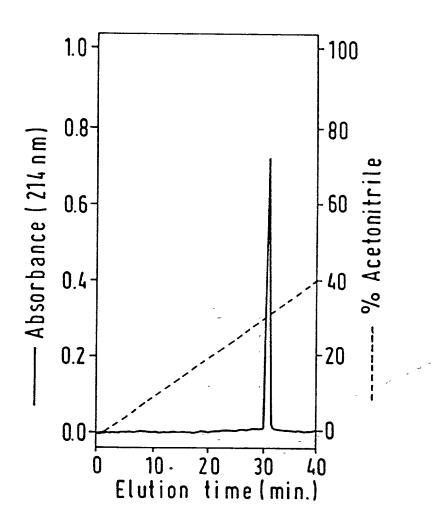


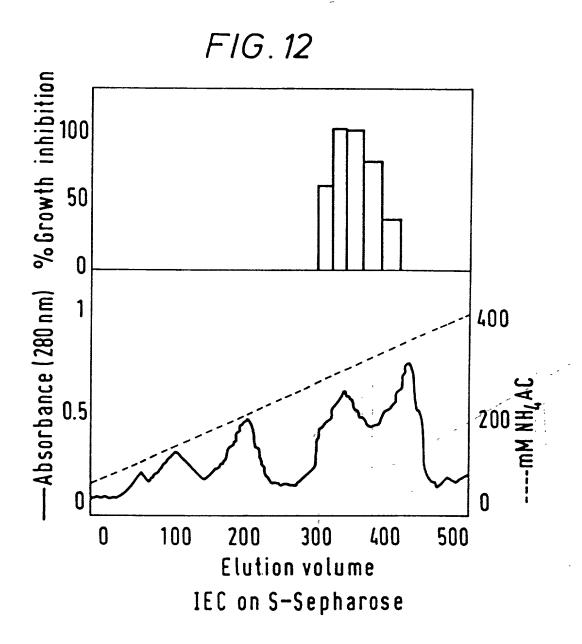


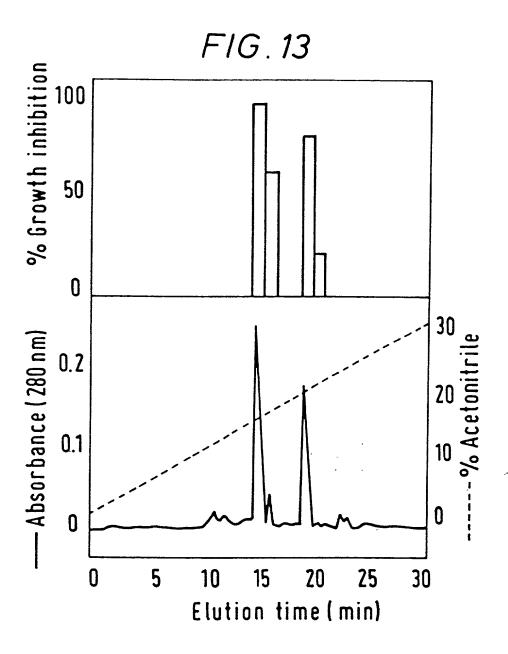




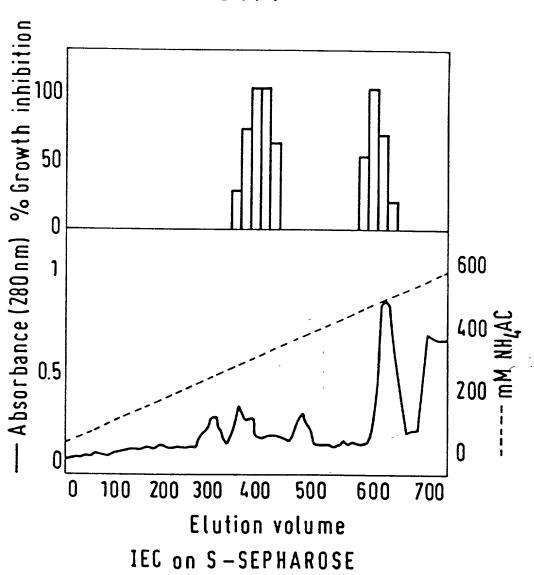


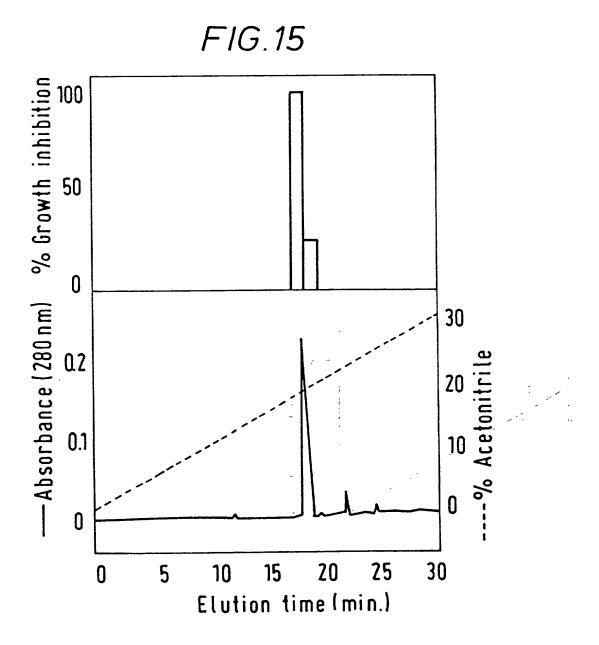


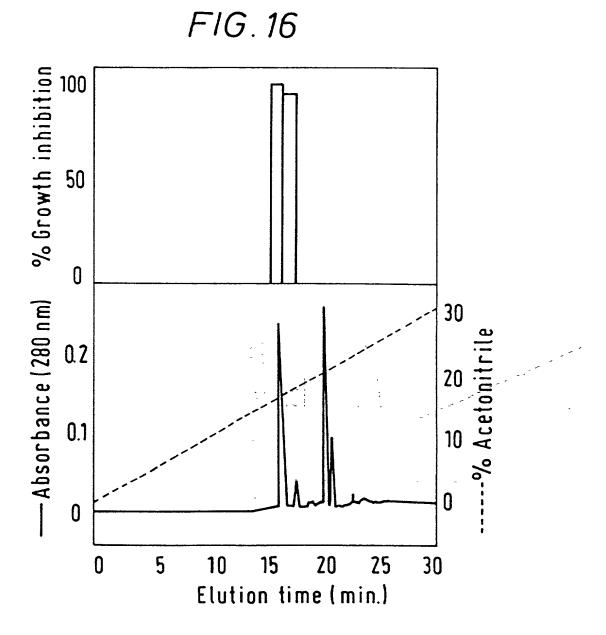


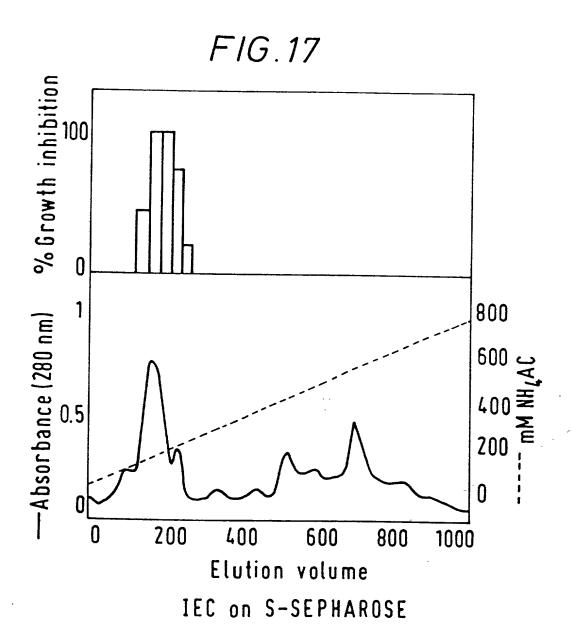


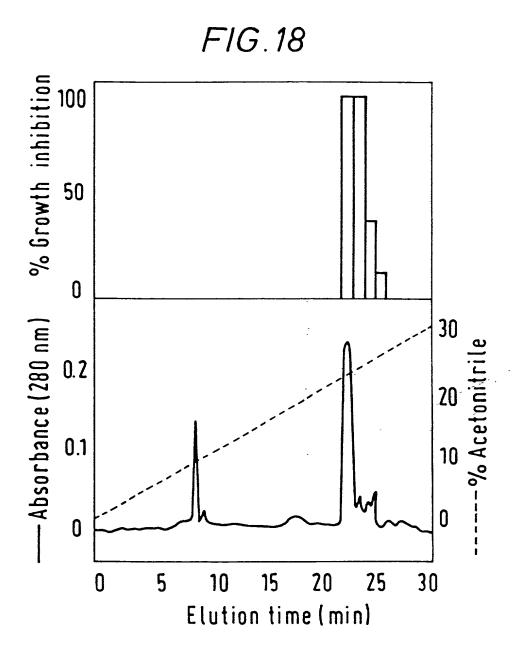


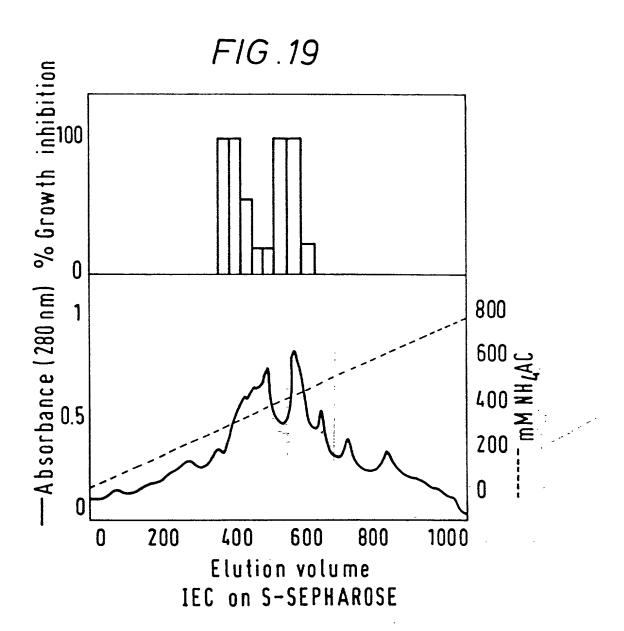


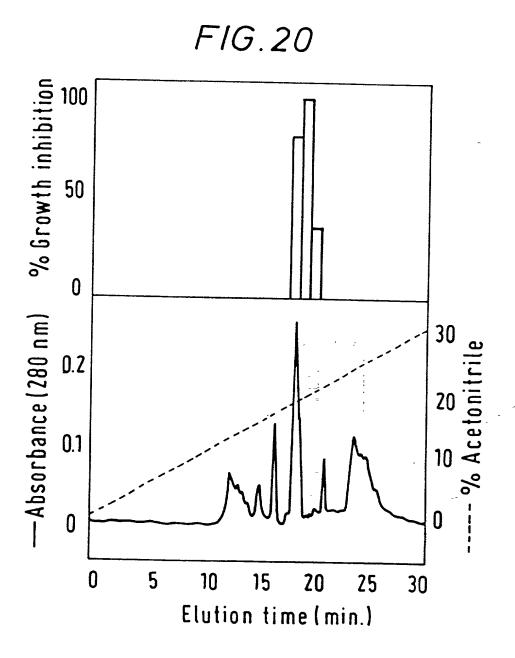


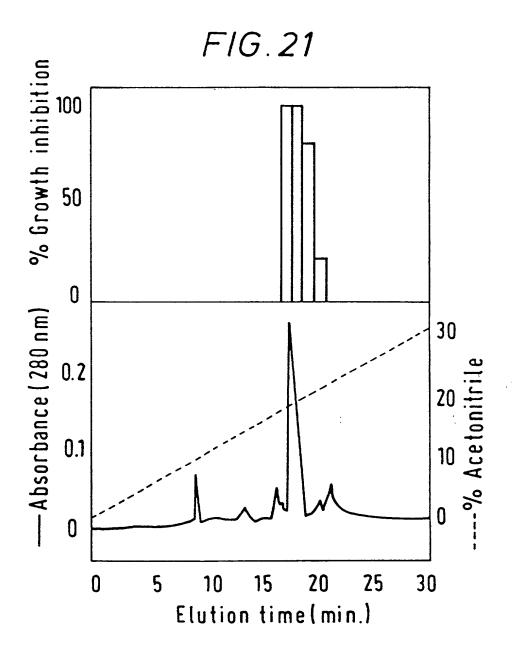


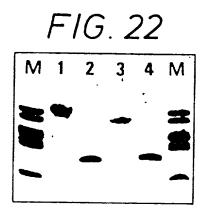


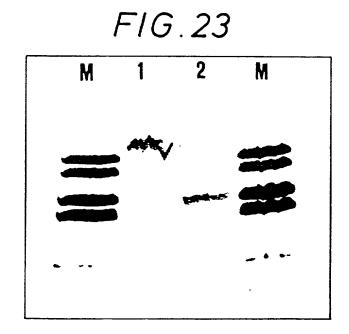


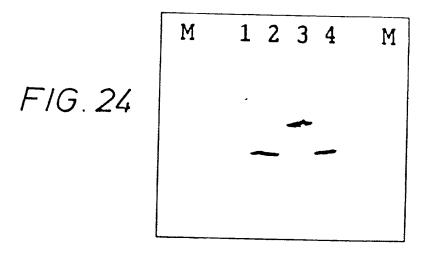


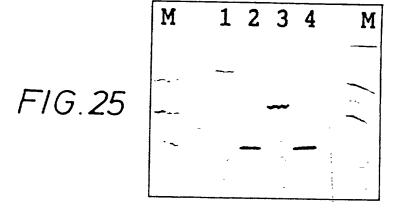


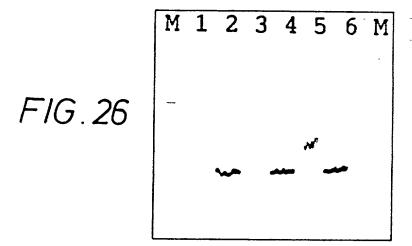












#### F16.27

RS-AFP1 (Q) K L C E R P S G T W S G V C G N

Rs-AFP2 (Q) K L C Q R P S G T W S G V C G N N

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Br-AFP2	•	•	•	•	•	•	•	· . •	•	•	··	•	•	•	•	•	•	•	•	•	•	•	•	•	•	$\simeq$	
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Bn-AFP2	•	•	•	•	•	•	•	. •	•	•	•	•	•	•	•	•	•	•	•	•	•	•					
Sa-AFP1	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•			
Sa-AFP2	•	•	•	•	0	•	•	• '	• -	•	•	•	•	•	•		•	•	•	•	$\simeq$	•	• -	•	•		
At-AFP1	•	•	•	•	•	•	•	•		•	•	•	•			j							~				

F16.28

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Z Ω ပ 耳 X H Z r U Z r ഗ 3 H × S K × F C П 臼 Cb-AMP2

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F16 29

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FIG. 30 (1/3)

Rs-AFP1	QKLCE	R P S G	TWSG	V C G N	NNAC
Dm-AMP1	ELCE	KASK	TWSG	N C G H	TGHC
Cb-AMP1	ELCE	KASK	TWSG	N C G N	ткнс
Cb-AMP2	ELCE	KASK	TWSG	N C G N	ткнс
Lc-AFP	KTCE	N L S G	T F K G	PCIP	D G N C
Ct-AMP1	NLCE				Т G Н С
pI230	NTCE	NLAG	SYKG	V C F G	G C
pI39	NTCE	HLAD.	TYRG	V C F T	HAS C
pSAS10	KTCE	NAD	TYRG	PCFT	TGSC
pI322	RHCES	S L S H I	R F K G	P C T R	DSИC
SI <sub>α</sub> 2	RVCMG	KSA	FKG	L C M R	DQNC
γ1pur	KICRR	RSAC	FKG	PCM S	икис

FIG. 30 (2/3)

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A	2	٧	С	Q	-	Q	Ε	G	W	G	G	G	N	C	D	G	P	F

FIG. 30 (3/3)

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-	-	R	R	С	κĮ	С	I	R	Q	С	

## F1G. 31A (1/2)

GAG CIT IGC GAG AAG GCT ICT AAG ACT IGG ICT GGA AAC	AAC	AAC	AAC	AAC	AAC	TCT
GGA	AGA	GGA	GGA	AGA	GGA	AGA
TCT	TGG GAG GGA GCT GCT CAT GGA GCT TGC CAT GTT AGA AAC	GAG GTT TGC GAG AAG GCT TCT AAG ACT TGG TCT GGA AAC	GAG CIT IGC GAG AAG GCT ICT AAG ACT IGG ICT GGA AAC	TGG GAG GGA GCT GCT GGA GCT TGC CAT GTT AGA AAC	GAG CIT TGC GAG AAG GCT TCT AAG ACT TGG TCT GGA AAC	TGG GAG GGT GCT CAT GGA GCT TGC CAT GTT AGA TCT
TGG	CAT	TGG	TGG	CAT	TGG	CAT
ACT	TGC	ACT	ACT	TGC	ACT	TGC
AAG	GCT	AAG	AAG	GCT	AAG	GCT
TCT	GGA	TCT	TCT	GGA	ICI	GGA
AAG GCT TCT AA	CAT	GCT	GCT	CAT	CCT	CAT
AAG	GCT	AAG	AAG	GCT	AAG	GCT
GAG	GCT	GAG	GAG	GCT	GAG	GCT
IGC	GGA	TGC	TGC	GGA	TGC	GGA
CII	GAG	GTT	CII	GAG	CIT	GAG
GAG	TGG	GAG	GAG	TGG	GAG	TGG
Dm-AMP1		Dm-AMP2	Cb-AMP1		Cb-AMP2	

# F1G.31A (2/2)

TGC	TGC GGA AAC ACT GGA CAT TGC GAT AAC CAA TGC AAG	AAC	ACT	GGA	CAT	TGC	GAT	AAC	CAA	TGC	AAG	TCT
GGA	GGA AAG CAT ATG TGC TTC TGC TAC TTC AAC	CAT	ATG	TGC	TIC	TGC	TAC	TIC	AAC	TGC		
TGC	TGC GGA AAC ACT GGA CAT TGC	AAC	ACT	GGA	CAT	rgc	•	•	•			
၁၅၂	TGC GGA AAC ACT AAG CAT TGC GAT GAT CAA TGC AAG	AAC	ACT	AAG	CAT	TGC	GAT	GAT	CAA '	rgc ,	AAG	TCT
GGA	GGA AAG CAT ATG TGC TTC TGC TAC TTC AAC	CAT	ATG	TGC	TTC	TGC	TAC	TTC		TGC		
TGC	TGC GGA AAC ACT AAG CAT TGC GAT AAC AAG TGC AAG	AAC	ACT	AAG	CAT	TGC	GAT	AAC	AAG	TGC	AAG	TCT
GGA	GGA AAG CAT ATG TGC TTC TGC TAC TTC AAC	CAT	ATG	TGC	TTC	TGC	TAC	TIC	AAC	TGC		

#### F16.31B

CCA
GGA
AAG
TIC
ACT
GGA
TCT
CIT
AAC
GAG
TGC
ACT
AAG
Lc-AFP
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AAC GAG CAT CTT TCT GGA AGA TGC AGA GAT GAT TTC

AAC CIT IGC GAG AGA GCT ICT CIT ACT IGG ACT GGA AAC Ct-AMP1

TGG GAG TCT GCT AAG CAT GGA GCT TGC CAT AAG AGA GGA

TGC ATT CCA GAT GGA AAC TGC AAC AAG CAT TGC AAG AAC

111 TGC TGG TGC ACT AGA AAC TGC

TGC GGA AAC ACT GGA CAT TGC GAT ACT CAA TGC AGA AAC

AAC TGG AAG TGC TTC TGC TAC TTC GAT TGC

F16.32

ALSCGTVNSNLAACIGYLT Q

Rs-nsLTP

مـ -NAPLARGCCTGVTNLNNMA

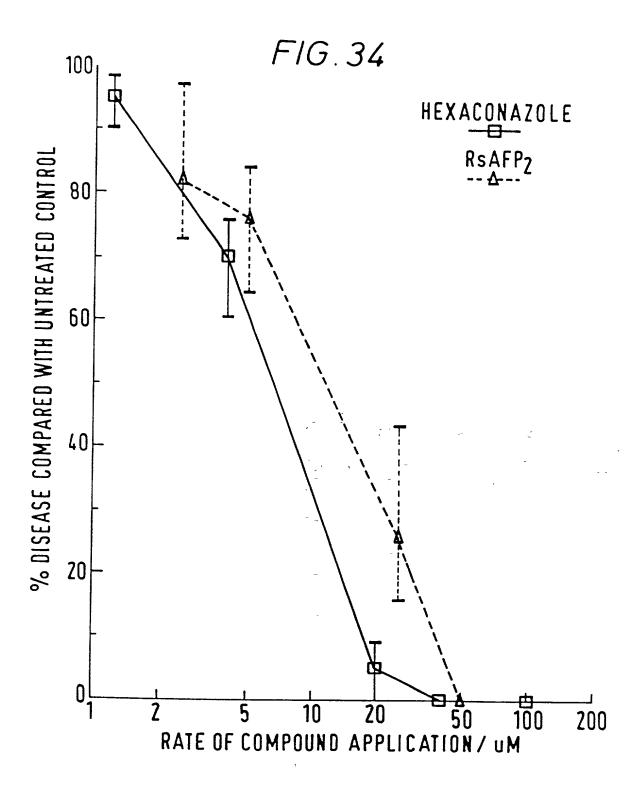
### F16.33 (1/2)

Rs-nsLTP	So-nsLTP	Rc-nsLTP	Dc-nsLTP	Hv-nsLTP	Zm-nsLTP
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Z	×	S	A	$\times$	A
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## F16.33 (1/1)

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	GTTTTATTAGTGATC <u>ATG</u> GCTAAGTTTGCGTCCATCATCGCACTT	45
45	CTTTTGCTGCTCTTGTTCTTTTTGCTGCTTTCGAAGCACCAACA	06
06	ATGGTGGAAGCACAGATTGTGCGAAAGGCCAAGTGGGACATGG	135
135	TCAGGAGTCTGTGGAAACAATAACGCATGCAAGAATCAGTGCATT S G V C G N N N A C K N Q C I	180
180	AACCTTGAGAAAGCACGACATGGATCTTGCAACTATGTCTTCCCA	225
225	GCTCACAAGTGTATCTGCTACTTTCCTTGTIAATTTATCGCAAAC A H K C I C Y F P C *	270
0/2	TCTTTGGTGAATAGTTTTTATGTAATTTACACAAAATAAGTCAGT	315
284	GTCACTATCCATGAGTGATTTTAAGACATGTACCAGATATGTTAT	360
	GTTGGTTCGGTTATACAAATAAAGTTTTATTCACCAAAAAAAA	405
	AAAAAAA	414

3AGAAA E K

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GTTAA

CTATT

GGGTT

**3CTCA** 

## F16.37 (112)

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#### F16.37 (2/2)

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